

gnutls_session_set_verify_output_function(3) gnutls gnutls_session_set_verify_output_function(3)

NAME

gnutls_session_set_verify_output_function - API function

SYNOPSIS

```
#include <gnutls/x509.h>
```

```
void gnutls_session_set_verify_output_function(gnutls_session_t session,  
gnutls_verify_output_function *func);
```

ARGUMENTS

gnutls_session_t session
is a **gnutls_x509_trust_list_t** type.

gnutls_verify_output_function *func
is the callback function

DESCRIPTION

This function sets a callback to be called when the peer's certificate chain has to be verified and full path to the trusted root has to be printed.

The callback's function prototype is defined in 'x509.h': int (*callback)(gnutls_x509_cert_t cert, gnutls_x509_cert_t issuer, gnutls_x509_crl_t crl, unsigned int verification_output);

If the callback function is provided then gnutls will call it, in the certificate verification procedure. To verify the certificate chain and print its path upto the trusted root, functions such as **gnutls_certificate_verify_peers()**, **gnutls_x509_trust_list_verify_cert()**, and **gnutls_x509_trust_list_verify_cert2()** can be used. The callback is set in **_gnutls_verify_cert_status()** and **_gnutls_pkcs11_verify_cert_status()**.

SINCE

3.7.0

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

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SEE ALSO

The full documentation for **gnutls** is maintained as a Texinfo manual. If the /usr/local/share/doc/gnutls/ directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>